CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 19.10.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer** , R R Nagara Division, BBMP, Bangalore.
Agency : **Sri C T Raju,** Contractor, Bangalore.
Name of the work : Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{15}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2020	19.10.2020	8.120	260.0	11.56
2	12.10.2020	19.10.2020	8.143	274.8	12.21
3	12.10.2020	19.10.2020	8.167	282.3	12.55

Note:
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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 09.11.2020

TEST REPORT ON CONCRETE CUBES

Client	**Executive Engineer** , R R Nagara Division, BBMP, Bangalore.
Agency	**Sri C T Raju,** Contractor, Bangalore.
Name of the work	: Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2020	09.11.2020	8.196	369.9	16.44
2	12.10.2020	09.11.2020	8.146	378.5	16.82
3	12.10.2020	09.11.2020	8.124	383.4	17.04

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2020	19.10.2020	8.169	263.6	11.72
2	12.10.2020	19.10.2020	8.154	275.8	12.26
3	12.10.2020	19.10.2020	8.127	281.2	12.50

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2020	09.11.2020	8.031	376.6	16.74
2	12.10.2020	09.11.2020	8.124	382.1	16.98
3	12.10.2020	09.11.2020	8.166	390.0	17.33

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ISO 9001:2000 CERTIFIED

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2020	19.10.2020	8.196	269.6	11.98
2	12.10.2020	19.10.2020	8.164	275.8	12.26
3	12.10.2020	19.10.2020	8.134	282.3	12.55

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2020	09.11.2020	8.012	375.6	16.69
2	12.10.2020	09.11.2020	8.049	382.1	16.98
3	12.10.2020	09.11.2020	8.016	394.5	17.53

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Name of the work	: Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.
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Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	23.10.2020	8.142	252.3	11.21
2	16.10.2020	23.10.2020	8.137	264.6	11.76
3	16.10.2020	23.10.2020	8.200	271.5	12.07

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Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	13.11.2020	8.197	385.6	17.14
2	16.10.2020	13.11.2020	8.164	371.2	16.50
3	16.10.2020	13.11.2020	8.120	394.3	17.52

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Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	23.10.2020	8.025	256.6	11.40
2	16.10.2020	23.10.2020	8.167	261.5	11.62
3	16.10.2020	23.10.2020	8.039	274.9	12.22

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	13.11.2020	8.179	375.6	16.69
2	16.10.2020	13.11.2020	8.154	384.9	17.11
3	16.10.2020	13.11.2020	8.062	392.3	17.44

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Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	23.10.2020	8.122	255.9	11.37
2	16.10.2020	23.10.2020	8.164	261.2	11.61
3	16.10.2020	23.10.2020	8.059	270.5	12.02

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	13.11.2020	8.041	376.4	16.73
2	16.10.2020	13.11.2020	8.129	388.9	17.28
3	16.10.2020	13.11.2020	8.136	392.3	17.44

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	23.10.2020	8.101	264.8	11.77
2	16.10.2020	23.10.2020	8.164	279.2	12.41
3	16.10.2020	23.10.2020	8.183	281.9	12.53

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2020	13.11.2020	8.113	377.2	16.76
2	16.10.2020	13.11.2020	8.104	382.1	16.98
3	16.10.2020	13.11.2020	8.156	395.8	17.59

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ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 28.10.2020

TEST REPORT ON CONCRETE CUBES

Client	**Executive Engineer** , R R Nagara Division, BBMP, Bangalore.
Agency	**Sri C T Raju,** Contractor, Bangalore.
Name of the work	: Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.10.2020	28.10.2020	8.110	254.5	11.31
2	21.10.2020	28.10.2020	8.157	273.9	12.17
3	21.10.2020	28.10.2020	8.091	265.2	11.79

Note:

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 18.11.2020

TEST REPORT ON CONCRETE CUBES

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Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.10.2020	18.11.2020	8.147	362.7	16.12
2	21.10.2020	18.11.2020	8.161	371.2	16.50
3	21.10.2020	18.11.2020	8.125	382.4	17.00

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ISO 9001:2000 CERTIFIED

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.10.2020	28.10.2020	8.121	250.7	11.14
2	21.10.2020	28.10.2020	8.159	261.4	11.62
3	21.10.2020	28.10.2020	8.064	273.1	12.14

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 18.11.2020

TEST REPORT ON CONCRETE CUBES

Client	**Executive Engineer** , R R Nagara Division, BBMP, Bangalore.
Agency	**Sri C T Raju,** Contractor, Bangalore.
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Sample ID	: Cement Concrete
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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.10.2020	18.11.2020	8.153	368.4	16.37
2	21.10.2020	18.11.2020	8.174	380.2	16.90
3	21.10.2020	18.11.2020	8.139	391.3	17.39

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.10.2020	28.10.2020	8.111	273.5	12.16
2	21.10.2020	28.10.2020	8.075	251.8	11.19
3	21.10.2020	28.10.2020	8.184	264.3	11.75

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Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.10.2020	18.11.2020	8.150	360.5	16.02
2	21.10.2020	18.11.2020	8.182	381.4	16.95
3	21.10.2020	18.11.2020	8.135	390.1	17.34

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